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Recent results on ultra-peripheral heavy-ion collisions and on central exclusive production in pp collisions with the CMS experiment

Wednesday, 25 March 2020 16:30 (18 minutes)

In this talk, we will present recent results on ultra-peripheral heavy-ion collisions with the CMS detector. This will include measurements on vector meson photoproduction in ultra-peripheral pPb and PbPb collisions, as well as light-by-light scattering measurements, and new studies of exclusive processes in photon-induced interactions to study low-x QCD dynamics. In addition, recent results on exclusive pi+pi- production in proton-proton collisions will also be shown.

Presenter: BYLINKIN, Alexander (The University of Kansas (US))

Session Classification: Small-x, Diffraction and Vector Mesons

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